### FILE NOTATIONS

Entered in NID File	Checked by Chief
Location Map Pinned	Approval Letter Disapproval Letter
COMPLETION DATA:	
Date Well Completed	Location Inspected
GW TA	Bond released  State or Fee Land
LOGS PI	CLED
Driller's Log Electric Logs (No.)	
E I Dual I Lat	
BRC Sonic GR Lat,	MI-L Sonic
GBLog CCLog Other	<b>(8 </b>

1a. TYPE OF WORK

b. TYPE OF WELL

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

MELT [

23.

PLUG BACK

MULTIPLE

### UNITED STATES DEPARTMENT OF THE INTERIOR

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

DEEPEN [

GEOLOGICAL SURVEY

*ك	Form approved. Budget Bureau No. 42-R1425.
ſ	5. LEASE DESIGNATION AND SERIAL NO.
	UTAH 4476
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-	
	7. UNIT AGREEMENT NAME
	NATURAL BUTTES UNIT
	S. FARM OR LEASE NAME
2	9. WELL NO.
	65-25B
	10. FIELD AND POOL, OR WILDCAT
1	NBU - WASATCH ✓
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
	SEC 25, TlOS, R20E
	12. COUNTY OR PARISH 13. STATE
5	UINTAH UTAH
	F ACRES ASSIGNED HIS WELL

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At surface 7' FWL & 1620' FSL (NE SW) At proposed prod. zone SAME 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE.

600'

13 miles south of Ouray, 16. DISTANCE FROM PROPOSED® LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

OTHER

P. O. BOX 250, BIG PINEY, WYOMING 83113

BELCO DEVELOPMENT CORPORATION

16. NO. OF ACRES IN PEASE 680 19. PROPOSED DEPTH 7400'

SINGLE

17. NO

18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5203' NAT. GL

DRILL X

WELL XX

20. ROTARY OR CABLE TOOLS ROTARY 22. APPROX. DATE WORK WILL START\*

9/78

PROPOSED CASING AND CEMENTING PROGRAM SETTING DEPTH QUANTITY OF CEMENT WEIGHT PER FOOT SIZE OF CASING

SIZE OF HOLE 200' 12½" 200 sx 9-5/8" 36.0∄ K-55 7400' 1000 11.6 N-80 7-7/8"

SURFACE FORMATION: Uinta 1.

Green River 834', Wasatch 4357' ESTIMATED LOG TOP:

Anticipate water in the Uinta, anticipate oil & gas in the Green River from 1800' to 4357', and gas in the Wasatch from 4357' to TD.

CASING DESIGN: New casing as above.

MIN BOP: 8", 3000 psi hydraulic double gate. Test to 1000 psi prior to drilling surface plug. Test on each trip for bit.

MUD PROGRAM: A water base gel-chemical mud weighted to 10.5 ppg will be used to control the well.

AUXILIAR EQUIP:

2" 3000 psi choke manifold and kill line, stabbing valve and visual mud monitoring.

TESTS, LOGS, & CORES: No cores or DST's are anticipated.

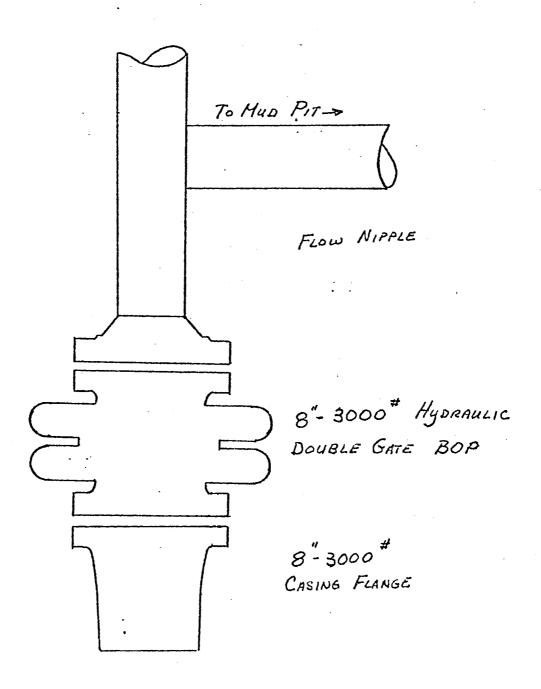
CNL-GR logs.

No abnormal pressures or problems are anticipated. 9.

Operations will begin approx 9/78 and end approx 9/78. 10.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

preventer program, if any.			
signed Might E. Frak	ENGINEERING	G CLERK DATE	7/24/78
			The second secon
(This space for Federal or State office vee)			
43-047-30467	APPROVAL DATE	Proces	
APPROVED BY THE DIVIS	CION OF	Y ILLEIVED	
APPROVED BY THE DIVIS		JUL 27 1978 15 ATE	
APPROVED BY OF APPROVAL THE NAME AND MINING	TITLE	DIVISION OF O.L.	
CONDITIONS OF APPROVAL, IF ANY:	9	DIVISION	•
DATE:	····· pfireserfer	GAS, & MINING	•
	///		•
BY: (10 This	ht house		



MINIMUM BOP DIAGRAM STATE OF UTAH DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **
Date: July 31, 1928
Operator: Belco Petroleum Corp.
Well No: N.13. U. 65-25-13
Location: Sec. 25 T. 105 R. 20 E County: Vinfah
File Prepared: // Entered on N.I.D.: ///  Card Indexed: // Completion Sheet: ///  API NUMBER: 43-047-30467
AFT NOMBER. 45.041
CHECKED BY:  Administrative Assistant
Remarks: Petroleum Engineer Of Ja
Remarks:
Director
Remarks:
INCLUDE WITHIN APPROVAL LETTER:
Bond Required: / Survey Plat Required: /
Order No Surface Casing Change to
Rule C-3(c), Topographic exception/company owns or controls acreage within a 660' radius of proposed site //
O.K. Rule C-3 / O.K. In Nestral Bother Unit / U/
Other:

SUBMIT IN TRIPLICATE\*

(Other instructions
reverse side)

Form approved, Budget Bureau No. 42-R1425,

UNIT STATES
DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SURIAL NO.

UTAH	1176	

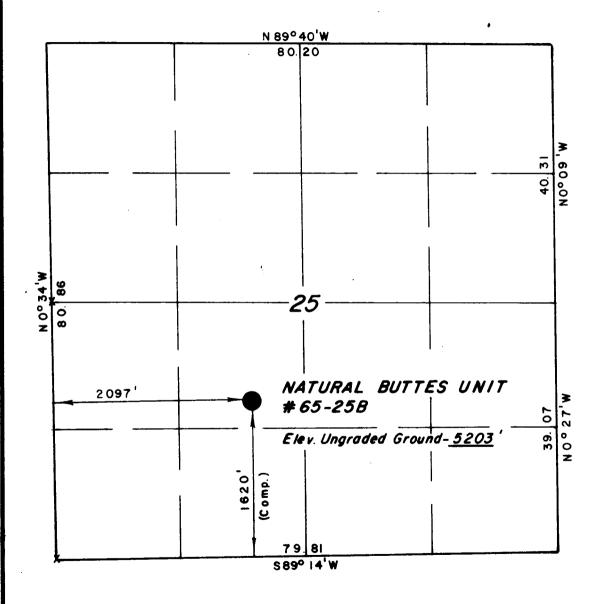
	LOGICAL SURVE		/_		· · · · · · · · · · · · · · · · · · ·	UTAH 4476
APPLICATION FOR PERMI	T TO DRILL, D	DEEPE	N, OR PH	UG BA	<u>ACK</u>	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK	DEEPEN [		ī.	G BAC		7. UNIT AGREEMENT NAME
DRILL XX	DEEPEN		FLO	J DAG	, LJ	NATURAL BUTTES UNIT
MELL MELL XX CTHES		81N 20N		MULTIPL ZONE	E	E. FARM OR LEASE NAME
2. NAME OF OPERATOR						
BELCO DEVELOPMENT C	ORPORATION					9. WELL NO.
3. ADDRESS OF OPERATOR	DINEY NVO	TNC	02112		ş.	10. FIELD AND POOL, OR WILDCAT
P. O. BOX 250, BIG 4. LOCATION OF WELL REPORT location clearly	and in accordance wit	h any St	ate requirement	s.*)		NBU - WASATCH
At SUPPL & 1620' F					4 3	11. SEC., T., R., M., OR BUK. AND SURVEY OR AREA
At proposed prod. zone	•				<b>2</b> ,	The source of all of
SAME					ĕ	SEC 25, T10S, R20E
14. DISTANCE IN MILES AND DIRECTION FROM			•			12. COUNTY OR PARISH 13. STATE
13 miles south	of Ouray, C		OF ACRES IN L	EASE I	17. NO. C	UINTAH UTAH  DE ACRES ASSIGNED
15. DISTANCE PROM PROFUSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.	600'		680		то т	HIS WELL
(Also to nearest drig, unit line, if day)  18. DISTANCE FROM INCLUSED LOCATION*			POSED DEPTH		20. ROTA	RY OR CABLE TOOLS
TO NEMEST WELL DEBLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			400'			TARY
21. ELEVATIONS (Show whether DF, RT, GR, etc.	:.)	<u> </u>			<u></u>	22. APPRON. DATE WORK WILL START*
5203' NAT. GL						9/78
23.	PROPOSED CASI	SG AND	CEMENTING	PROGRA	M ,	
SIZE OF HOLE SIZE OF CASING	WEIGHT PER P	001	SETTING DE	PTH		QUANTITY OF CEMENT
124" 9-5/8"	36.0# K-5		200			sx
7-7/8" 4½"	11.6# N-8	30	7400	) <b>'</b>	1000	sx
1. SURFACE FORMATION:	Uinta	1			;	
2. ESTIMATED LOG TOP:						
3. Anticipate water in	n the Uinta	, ant	icipate	oll	& gas	in the Green River
from 1800' to 4357' 4. CASING DESIGN: Nev				CH LL	Om 43	157 CO. ID.
4. CASING DESIGN: Nev 5. MIN BOP: 8", 3000	nsi hydraul	lic d	ouble a	ate.	Test	to 1000 psi prior
to drilling surface	e plug. Test	on	each tr	ip fo	r bit	
6. MUD PROGRAM: A wat	er base gel	L-che	mical m	ud we	ighte	ed to 10.5 ppg will b
used to control the	e well.					
7. AUXILIAR EQUIP: 2'	' 3000 psi d	choke	manifo.	ld an	d kil	l line, kelly cock,
stabbing valve and	visual mud	monı	toring.	220 2	ntiai	nated Pun DII FDC
8. TESTS, LOGS, & CORI	28: NO COLE	es or	ם זכע	are a	1111111	pated. Run DIL, FDC
9. No abnormal pressur	res or probl	lems	are ant:	icipa	ted.	
10. Operations will be	gin approx	9/78	and end	appr	ox 9/	78.
•			•			en e
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM zone. If proposal is to drill or deepen direct	: If proposal is to deep tionally, give pertinen	pen or pl t data o:	ug back, give d a subsurface loc	ata on pr ations an	esent proc d measure	d and true vertical depths. Give blowout
preventer program, if any.						
il	1	ENG	INEERIN	G CLE	RK	7/24/78
signed Allocates	ak m	TLE				DATE
(This space for Fed-ral or State office is	o)					
PERMIT NO.	07-7	<u> </u>	APPROVAL PATE			
10 may Harris	Grunn X	T 212	ACTING TRICT EN	SINEEF	3	(ELENEI)
APPROVID BY CONDITIONS OF ARI BOYAL, IF ANY:	——————————————————————————————————————	TLE UIS	INUI LIV	w11		SFP 20 1070
ANADIE PORTE AND ACTION TO THE ST	•					DIVISION OF U.
						GAS. & MINING

(State 096):

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY NECESSAR

NECESSARY FRATING OF CAS DURING DRILLING AND COMPLETORY APPROVED SUBJECT TO ROYALTY (NTL-4)

## T105, R20E, S.L.B. &M.



X = Section Corners Located

### PROJECT

## BELCO PETROLEUM CORP.

Well location, NATURAL BUTTES
UNIT # 65-25B, located as shown in
the NE 1/4 SW 1/4 Section 25, T10S,
R20E, S.L.B.&M. Uintah County,
Utah.

NOTE:

Elev. Ref. Pt. 200' N 62° 22' 10" E = 52 0 9 .77'
" " " S 27° 37' 50" E = 52 0 8 .43'
" " " S 62° 22' 10" W = 52 02 .93'
" " " N 27° 37' 50" W = 5199 .63'



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED AND SURVEYOR REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

CCALE		·····	DATE
SCALE	1" = 1000'		6/28/78
PARTY	DA JB	RP	REFERENCES GLO Plat
WEATHE	R Fair		FILE BELCO PETROLEUM

1a. TYPE OF WORK

b. TYPE OF WELL

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

WELL []

23.

### SUBMIT IN TRIPLIC

(Other instructi reverse si

Form approved. Budget Bureau No. 42-R1425.

## UNITED STATES DEPARTMENT OF THE INTERIOR

UNITED STATES  DEPARTMENT OF THE I			5. LEASE DESIGNATION A	ND SERIAL NO	<del></del>
GEOLOGICAL SURV	EY		UTAH 6774		
APPLICATION FOR PERMIT TO DRILL,	DEEPEN, OR PLUG B	ACK	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	a
DRILL XX DEEPEN	PLUG BAC	к 🗆	7. UNIT AGREEMENT NA		
TYPE OF WELL  OIL GAS WELL XX OTHER	SINGLE XX MULTIPE	re 🗌	8. FARM OR LEASE NAM		11
NAME OF OPERATOR BELCO DEVELOPMENT CORPORATION			9. WELL NO.	· · · · · · · · · · · · · · · · · · ·	_
ADDRESS OF OPERATOR	<b>4</b>		65-25B		
P. O. BOX X, VERNAL, UTAH 840	78	<b></b>	10. FIELD AND POOL, OF	WILDCAT	
LOCATION OF WELL (Report location clearly and in accordance wi	th any Start readility is.		NBU - WASA		
895' FNL & 1776' FWL (NE NW)	Deco a Mark	-	11. SEC., T., B., M., OR B		
At proposed prod. zone	Men. 10	<b>A</b>			
SAME	<u> </u>	$\Delta$	SEC 25, T1		$\mathbf{E}$
DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POS	ST OFFICE.	<b>)</b>	12. COUNTY OR PARISH	13. STATE	
	V ·	Ä	UINTAH	UTAH	
DISTANCE FROM PROPUSED* LOCATION TO NEAREST	16. NO. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	, 1	
PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any).  895	480				
DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED,	19. PROPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS		
OR APPLIED FOR, ON THIS LEASE, FT.	7400'	RO	TARY		
(Charambethan DE DE CD ata)			22. APPROX. DATE WOR	K WILL START	r*

18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5173' NAT GL

SIZE OF HOLE

12날"

PROPOSED CASING AND CEMENTING PROGRAM QUANTITY OF CEMENT SETTING DEPTH 200' 36.0# K-55 200 sx

1000 sx

7400'

43" 11.6# N-80 7-7/8" SURFACE FORMATION: Ulinta

- EST LOG TOP: Green River 834', Wasatch 4357' 2.
- 3. Anticipate water in the Uintah, expect oil & gas in the Green River from 1800-4357', & gas in the Wasatch from 4357' to TD.

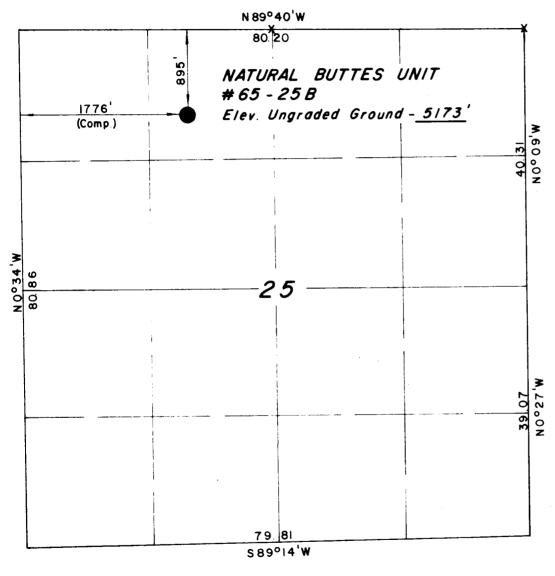
CASING DESIGN: New casing as above. 4.

SIZE OF CASING

<u>9-5/8"</u>

- 8", 3000 psi hydraulic double gate. Test to 1000 psi prior to drilling surface plug. Test on each trip for bit.
- MUD PROGRAM: A water based gel-chemcial mud weighted to 10.5 ppg will be used to control the well.
- AUXILIARY EQUIP: 2" 3000 psi choke maniflod and kill line, kelly cock, 7. stabbing valve & visual mud monitoring.
- TEST, LOG & CORES: No or DST are expected. Run DIL, FDC-CNL-GR logs. 8.
- No abnormal pressures or problems are anticipated. 9.
- Operations will begin approx 4/79 and end approx 5/79. 10.

			•		•
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is zone. If proposal is to drill or deepen directionally, give perpreventer program, if any.	to deepen o ertinent dat	or plug back, give data on a on subsurface locations	present productive z	cone and proposed new ne vertical depths. G	productive ive blowout
signed Lobert Springman	- TITLE _	ENGINEERING	TECHNICIAN	DATE 3/21/79	
(This space for Federal or State office use) PERMIT NO. 43-047- 30575		APPROVAL DATE			
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE _			DATE	



X = Section Corners Located

### PROJECT

#### PETROLEUM CORP. BELCO

Well location, NATURAL BUTTES UNIT #65-25B, located as shown in the NE 1/4 NW 1/4 Section 25, TIOS, R20E, S.L.B. & M. Uintah County, Utah.

### NOTE:

Elev. Ref. Pt. 200' \$87° 12'14" W = 5201.24" " N 2 °47'46"W = 5 197.89' " N87° 12' 14"E = 5 173.14" " S 2 047 46"E = 5 167.31



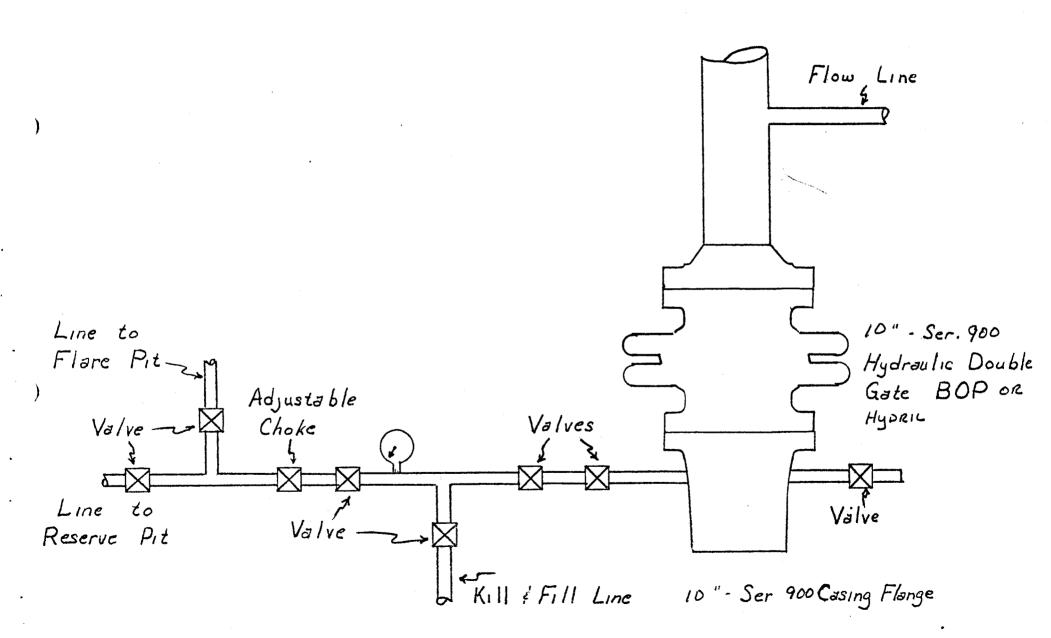
#### CERTIFICATE

S TO LERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM NOTES OF ACTUAL SURVEYS MADE BY ME OR SNOTR MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR REGISTRATION Nº 2454 STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING P.O. BOX Q - 110 EAST - FIRST SOUTH VEDNAL HITAH - 84078

YERNAL,	UTAH - 84078
SCALE  " = 1000'	2/22/79
DA LT RK MS BW F	REFERENCES  GLO Plat
WEATHER Cool	FILE BELCO PETRO



	ប.	S. TOLOGICAT	L SURVEY - CON	SERVATION DIVI	SION	
FROM: :	DISTRICT GEO OGI	ST, ME, SALT	LAKE CITY, UT	CAH .		
TO :	DISTRICT ENGINEE	R, O&G, SALT	LAKE CITY, UT			
SUBJECT:	APD MINERAL EVAL	JATION REPOR	r .	•	<u>U-4476</u>	<del></del>
OPERATOR:	BELCO DEVE	LUPMENT C	orp.	WELL NO.	65-25 B	
LOCATION:	L NE & SW	k sec. <u>26</u> ,	T. 10 S., R.	20 E., SLM		
	UINTAH	County,	UTAH		,	
			•			<del> </del>
1. Strati	graphy: OPECATO	R ESTIMATES	ARE REASONA	BIE	•	. •
		•		•		•
					•	· · ·
			•			•
	•		•			
•	le Minerals: VAω <b>β¢</b>	OF 3000' ABLE PROSPE FOUND AS V	ENS. OIL	EA. SILSONITE AMD O SHALE OF PR	OIL SHALE. GR.S	IMPORTANCE
			HE MAHOGANY River Fm.	CONR OF THE	. PAICACHUTE CI	c Mamber
		THE CIOCON	10.100			
•					•	
•						
4. Additi	onal Logs Needed:	None - of	GRATOR SUITE	SHOULD BE	RUN THRONGH THE	Green
	<b>′.</b>	River Fm.	oil shale.			
			••			•
				•		•
5. Potent	ial Geologic Haza	rds: Unknan	n - none An	ncipatro.		
,					·.	<b>`</b>
6. Refere	nces and Remarks:	WITHIN 2	MI OF BITTE	n CK KGS		
0.4	TRA		T	Pate: 8 - 6	- 78	•
Signatur	c					

## United States Department of the Interior Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

## Usual Environmental Analysis

Lease No. U-4476	
Operator Belco Development Corpor	ration Well No.65-25B
Location 1620'FSL, 2097'FWL	Sec. 25 T. 10 S., R. 20 E.
County Uintah State Uta	ah : Field NBU-Wasatch
Status: Surface Ownership publi	ic Minerals Federal
Joint Field Inspection Date Augu	ust 10, 1978
Participants and Organizations:	:
Steve Ellis	BLM
Rick Schatz	Belco Development Corp.
Bud Pease	Dirt Contractor
Ray Foster	USGS
1	
. •	
Related Environmental Analyses and	References:
(1) Unit Resources Analysis - Rain	bow Planning Unit (08-08)
(2) BLM - Vernal, Utah	•
Analysis Prepared by:	Ray J. Foster  John T. Evan- Environmental Scientist Salt Lake City, Utah  Stock Full Supple  See
Date August 15, 1978	Stock rule Input
	See

## Proposed Action:

On July 27, 1978, Belco Development Corporation filed an Application for Permit to Drill the No. 65-25B development well, a 7,400-foot gas test of the Wasatch Formation; located 1620'FSL 2097'FWL, Sec. 25, T. 10 S., R. 20 E., Uintah County, Utah, at an elevation of 5,203 ft in the NBU-Wasatch Field on Federal mineral lands and public surface; Lease No. U-4476. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral bearing formations would be protected. A Blowout Preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah, and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working of agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 180 ft wide x 325 ft and a reserve pit 100 ft x 150 ft. A new access road will be constructed 18 ft wide x 0.5 mi long from an existing and improved road. The operator proposes to construct production facilities on a disturbed area of the proposed drill pad. If production is established, plans for a gas flow line have been submitted to the appropriate agencies for approval. The anticipated starting date is September, 2978, and duration of drilling activities would be about 30 days.

## <u>Location</u> <u>and</u> <u>Natural</u> <u>Setting</u>:

The proposed drillsite is approximately 13 mi south of Ouray, Utah, the nearest town. A fair road runs to within 0.5 mi of the location. This well is in the NBU-Wasatch Field.

## Topography:

Rolling terrain of sandstone and shale hills cut by errosional gulleys. Location is in a slight depression sloping to the west.

## Geology:

The surface geology is Uintah. The soil is shaley sand with sandstone fragments and pebbles. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah. The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

## Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposed to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately 2.7 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, resseding of slope-cut area would minimize this impact.

## Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from

rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

## Precipitation:

Annual rainfall should range from about 8 to 11 inches at the proposed location. The majority of the numerous drainages in the surrounding area are of a nonperennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8 inches.

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare.

The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

## Surface Water Hydrology:

Drainage is to the west by local washes into Willow Creek which feeds into Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimized the problem. The proposed project should have minor impact on the surface water systems.

The potentials for pollution would be present from leaks or spills. The operator is required to report and clean up all spills or leaks.

## Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirement of NLT-2B.

The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

### Vegetation:

Sparse native grasses, sage, greasewood, four-wing salt brush, snake-wood, and horsebrush. Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 2.7 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

### Wildlife:

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominatly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows and jays.

## Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If an historic

artifact, an archeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings and other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and are judged to be minor. All permanent facilities placed on the location should be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County. But should this well discover a significant new hydrocarbon source, local, state and possibly national economies might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and U.S. Geological Survey's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

## Land Use:

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Rainbow Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

### Waste Disposal:

The mud and reserve pits would contain all fluids used during the operations. A trash pit would be utilized for any solid wastes generated at the site and would be burned or buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

### Alternatives to the Proposed Action:

(1) Not approving the proposed permit -- The oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development <u>if</u> the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

## Adverse Environmental Effects Which Cannot Be Avoided:

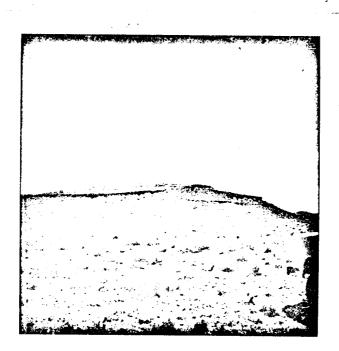
Surface disturbance and removal of vegetation from approximately 2.7 acres of land surface from the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling

phases of the project, noise levels would increase. Potential for subsurface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aethestics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River.

### Determination:

This requested action does not constitute a Federal action significantly affecting the environment in the sense of NEPA, sec. 102(2)(c).

District Engineer U. S. Geological Survey Conservation Division Oil and Gas Operations Salt Lake City District



# (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

# UNITED STATES reve

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK									6. IF INDIAN, ALLOTTER OR TRIBE NAME				
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b. TYPE OF WELL									NATURA	L BUI	TES UNIT		
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2. NAME OF OPE		00 000					·		ξ"		· · · · · · · · · · · · · · · · · · ·		
BELC	O DEV	ELOPMENT (	COR	PORATION					9. WELL NO.				
3. ADDRESS OF OPERATOR										-25B			
P. 0	. BOX	X, VERNA	L,	UTAH 8407	88				10. FIELD AND				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)									NBU - WASATCH				
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NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHEDILING AND COMPETITION OF GAS DURING TO OPERATOR'S COPY

NECESSARY FLARING OF GAS DURING AND COMPETITION OF GAS DURING SUBJECT TO ROYALTY (NTL-4)

## BELCO PETROLEUM CORP.

Well location, NATURAL BUTTES UNIT #65-25B, located as shown in the NE 1/4 NW 1/4 Section 25, T10S, R20E, S.L.B.&M. Uintah County, Utah.

NOTE:

Elev. Ref. Pt. 200' S87° 12' 14" W = 5201.24'

" " " N 2°47' 46" W = 5197.89'

" " N87° 12' 14" E = 5173.14'

" " S 2°47' 46" E = 5167.31'



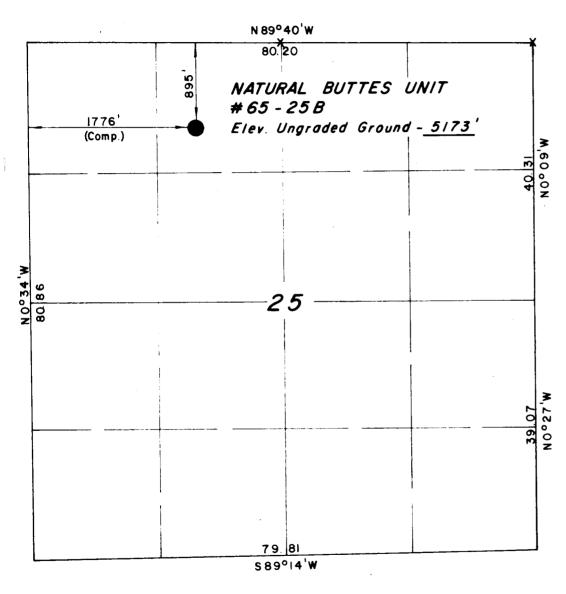
#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR JNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

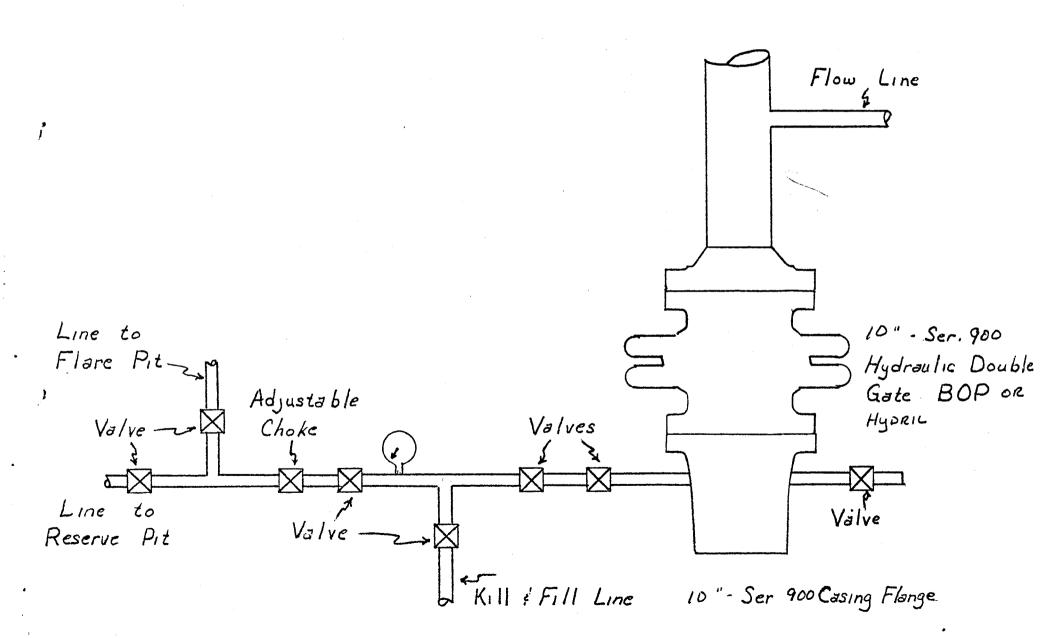
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
PO.BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE   " = 1000'		DATE	2/22/79
DA LT RK MS BW	RP	REFERENCES	GLO Plat
WEATHER COOL		FILE	BELCO PETRO.



X = Section Corners Located



United States Department of the Interior Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. U-6774

Operator Belco Development Corp.

Well No. 65-25B

Location NE 1/4 NW 1/4

Sec. 25, T. 10S, R. 20E

County Uintah

State Utah

Field NBU-Wasatch

Status: Surface Ownership Public.

Minerals Federal

Joint Field Inspection Date 4/24/79

Participants and Organizations:

James Rhett

U.S.G.S. Vernal, Utah

Ron Rogers

B.L.M. Vernal, Utah

Rick Schatz

Belco

**Bud Pease** 

Pease Bros.

Related Environmental Analyses and References:

- (1) Unit Resource Analysis, Bonanza Planning Unit
- (2) B.L.M. Vernal

Analysis Prepared by: James Rhett

Environmental Scientist

Vernal, Utah

Reviewed by: George Diwashak

Environmental Scientist

Salt Lake City, Utah

Noted - G. Diwachak

Date 4/26/79

### Proposed Action:

On March 23, 1979, Belco Development Corp. filed an Application for Permit to Drill the No. 65-25B development well, a 7,400-foot gas test of the Wasatch Formation; located at an elevation of 5,173 ft. in the NE 1/4 NW 1/4, Sec. 25, T. 10S, R. 20E, on Federal mineral lands and public surface; lease No. U-6774. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the BLM, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 135 ft. wide x 325 ft. long and a reserve pit 93 ft. x 150 ft. A new access road would be constructed 32 ft. wide x 100 ft. long and an existing road would be upgraded from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is 4/79 and duration of drilling activities would be about 30 days.

### Location and Natural Setting:

The proposed drillsite is approximately 14.1 miles south of Ouray, Utah, the nearest town. A poor road runs to within 100 feet of the location. This well is in the Natural Buttes Unit.

### Topography

The topography of the area consists of rolling hills and buttes. The wellsite in gently sloping to the south.

### Geology:

The surface geology is Uinta Formation. The soil is sandy clay. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stock to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

### Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Apporximately 1.4 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emmissions from rig and support traffice engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drillingoperations phase, increasing dust levels and exhaust pollutants in the
area. If the well was to be completed for production, traffic would be
reduced substantially to a maintenance schedule with a corresponding
decrease of dust levels and exhaust pollutants to minor levels. If the
project results in a dry hole, all operations and impact from vehicular
traffic would cease after abandonment. Due to the limited number of
service vehicles and limited time span of their operation, the air
quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated.

### Precipitation:

Annual rain fall should range about 8" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from southwest to northeast. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

### Surface Water Hydrology:

The site would drain to Willow Creek which runs into the Green river.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

## Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal

and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be lined because of the porosity of the sand soil. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

### Vegetation:

Plants in the area are of the salt-desert-shrub types.

Proposed action would remove about 1.4 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The Operator proposes to rehabilitate the surface upon completion of operations.

### Wildlife:

The fauna of the area consists predominately of mule deer, pronghorn antelope, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory is to be made by the BLM within the week. No endangered plants or animals are known to inhabit the project area.

### Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the immediate area, but would not present a major intrustion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Uintah County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economic might be improved. In this instance, other development wells would be anticipated, with substatially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are national state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Bonanza Planning Unit (08-05). This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

### Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be hauled off at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

### Alternative to the Proposed Action:

1) Not Approving The Proposed Permit--The Oil and Gas Lease Grants The Lessee Exclusive Right To Drill For, Mine, Extract, Remove and Dispose Of All Oil and Gas Deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development <u>if</u> the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not signicantly reduce the environmental impact. There are not severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

## Adverse Environmental Effects Which Cannot Be Avoided:

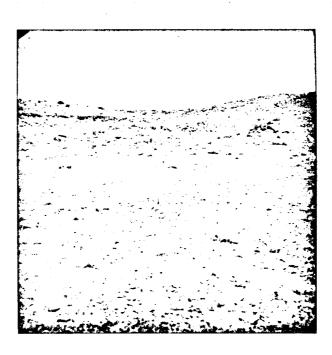
Surface disturbance and removal of vegetation from approximately 1.4 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emmissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to the Willow Creek would exist through leaks and spills.

### Determination:

This requested action does does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

Date

District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Belco 6 5-25B

N

FROM:	DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH	•	
ro :	DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH		<b>-</b> ,
SUBJECT:	APD MINERAL EVALUATION REPORT	LEASE NO. U-67	/4
OPERATOR:	Belco Development Corporation	WELL NO. 65-25 B	·
LOCATION:	½ NE ½ NW ½ sec. 25 , T. 10 S. , R. 2	20 E., SIM	
	Uintah County, Utah	•	•
	Country, Country		
1. Strati	graphy: Operator projected tops appear reasonal	ble.	
	•	•	
	•		
2. Fresh	Water: Fresh water could occur in sands in the	e Vinta im.	·
•			
2 *	ole Minerals: Proposed location located in oil	chale withdrawal	
Oi	il-shale beds should occur in the Mahogany zone etween 1700-1900 ft.		l•
			·
			·
•			
4. Additi	ional Logs Needed: APD proposed logging progra	m should be adequate.	
	·		
			•
5 Datas	nial Carlegia Hagarda. None enticinated	•	
J. Poteni	tial Geologic Hazards: None anticipated.		
			•
6. Refer	ences and Remarks: Within 1 mile of Bitter Cree	ek Field KGS.	
	REF: USGS Files, Salt Lake City, Utah.		
		•	

03 - 29 - 79

Signature: Same 7. Polli

GAS, & Mil.

## **Belco Petroleum Corporation**

# Belco

March 21, 1979

Mr. Edgar W. Guynn, District Engineer United States Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

RE: Natural Buttes Unit Uintah County, Utah

Dear Mr. Guynn:

Enclosed are Application for Permit to Drill, Survey Plats, BOP Diagrams and Surface Use and Operating Plans for the following six Natural Buttes Unit wells:

- 1. NATURAL BUTTES UNIT 41-34B SW NW Section 34, T9S, R20E
- SW NW Section 34, T9S, R20E

  2. NATURAL BUTTES UNIT 47-27B
  SE SE Section 27, T9S, R20E
- 3. NATURAL BUTTES UNIT 52-1B SE SE Section 1, T9S, R21E-
- NATURAL BUTTES UNIT 62-35B
   NW NE Section 35, TlOS, R22E
- 5. NATURAL BUTTES UNIT 63-12B Royal Box NE Section 12, T10S, R20E
- 6. NATURAL BUTTES UNIT 65-25B M.J.M. 3-29-79 NE NW Section 25, TlOS, R20E

Very truly yours,

BELCO DEVELOPMENT CORPORATION

Leo R. Schueler District Manager

RAS/rgt

Enclosures:

cc: Han Division or Or Figas winning

Houston Denver Vernal File ₱0 flux 250 \*Big Pirley, Wyuming 83113 |Telephone (307) 276-3331

# **Belco Petroleum Corporation**





May 11, 1979

Mr. Edgar W. Guynn, District Engineer United States Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

> RE: Natural Buttes Unit Uintah County, Utah

65, 358

Dear Mr. Guynn:

As requested by Mr. Robert Henricks of your office, attached is a listing of locations which we have moved. This listing shows the original location, the location which Belco proposes to drill and the submittal dates of each application. Please disregard the original applications.

Very truly yours,

BELCO DEVELOPMENT CORPORATION

Jaksinal Chanca Bi Leo R Schueler

Leo R. Schueler District Manager

RAS/rgt

Attachment

c: Utah Division of Oil, Gas & Mining

Houston Denver Vernal File

### ORIGINAL LOCATION:

NATURAL BUTTES UNIT 47-27B 1980' FNL & 1980' FWL (SE NW) Section 27, T9S, R20E Uintah County, Utah ELEVATION: 4817' Nat GL SUBMITTED: 6/21/78

NATURAL BUTTES UNIT 52-4B 570' FSL & 977' FWL (SW SW) Section 4, T9S, R21E Uintah County, Utah ELEVATION: 4682' Nat GL SUBMITTED: 8/18/78

NATURAL BUTTES UNIT 62-35B 2395' FNL & 590' FEL (SE NE) Section 35, T10S, R22E Uintah County, Utah ELEVATION: 5655' Nat GL SUBMITTED: 7/29/78

NATURAL BUTTES UNIT 63-12B 434' FNL & 650' FWL (NW NW) Section 12, T10S, R20E Uintah County, Utah ELEVATION: 5010' Nat GL SUBMITTED: 7/24/78

NATURAL BUTTES UNIT 65-25B 2097' FWL & 1620' FSL (NE SW) Section 25, T10S; R20E Uintah County, Utah ELEVATION: 5203' Nat GL SUBMITTED: 7/24/78

### PROPOSED LOCATION:

NATURAL BUTTES UNIT 47-27B 1313' FSL & 1336' FEL (SE SE) Section 27, T9S, R20E Uintah County, Utah ELEVATION: 4836' Nat GL SUBMITTED: 3/21/79

NATURAL BUTTES UNIT 52-1B 659' FSL & 658' FEL (SE SE) Section 1, T9S, R21E Uintah County, Utah ELEVATION: 4719' Nat GL SUBMITTED: 3/21/79

NATURAL BUTTES UNIT 62-35B 760' FNL & 2252' FEL (NW NE) Section 35, TlOS, R22E Uintah County, Utah ELEVATION: 5586' Nat GL SUBMITTED: 3/20/79

NATURAL BUTTES UNIT 63-12B 1364' FNL & 1358' FEL (SW NE) Section 12, Tlos, R20E Uintah County, Utah ELEVATION: 5025' Nat GL SUBMITTED: 3/20/79 30466

NATURAL BUTTES UNIT 65-25B 895' FNL & 1776' FWL (NE NW) Section 25, TlOS, R20E Uintah County, Utah ELEVATION: 5173' Nat GL SUBMITTED: 3/21/79



# United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division 8440 Federal Building Salt Lake City, Utah 84138

May 17, 1979

Belco Development Corp. P.O. Box 250 Big Piney, Wyoming 83113

Re: Natural Buttes Unit Uintah County, Utah
(Referring to Locations)

Gentlemen:

By letter dated May 11, 1979 you advised this office that the attached list of wells in the referenced unit would not be drilled. Therefore, the Applications for Permit to Drill are rescinded without prejudice effective May 15, 1979.

Any surface disturbance associated with the approval of these applications must be restored.

If you need further information or explanation do not hesitate to contact this office. Your cooperation in this matter is appreciated.

Sincerely,

Orig. Sgd.) R. A. Henricks

E. W. Guynn

District Engineer

bcc: State 0&G



### ORIGINAL LOCATION:

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NATURAL BUTTES UNIT 65-25B 2097' FWL & 1620' FSL (NE SW) Section 25, T10S, R20E Uintah County, Utah ELEVATION: 5203' Nat GL SUBMITTED: 7/24/78

## UNI D STATES DEPARTMENT OF THE INTERIOR

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4749-4751		-					<u> </u>			120,000# 20/40 mesh san				
4742-4744														
4/44-4/44						F 3 4 7 4 1 2								
33.*					PRGE	UCTION		- :						
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FLOW. TUBING PRESS.	CASING PRESS		ALCULATED 4-HOUR RAT	E   OIL	-BBL.	GAS		1	WATER-	BBL. OIL	GRAVITY-AP	i (rokk.)		
25#	200#						<u> 265</u>			TPOT WINVEGOR				
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36. I hereby certify	that the forego	ing and	attached in	formatio	n is comp	lete and corr	ect as	determin	ed from	all available recor	ds			
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SIGNED	lgar E.	DAR		T	ITLE EIN	GINEEK		CDER.		DATE	10/1//			
		I.												

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35. form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal or both, pursuant to applicable Federal and/or State laws and regulations.

Her: 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements.

Consult local State

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Submit a separate report (page) on this form, adequately identified, interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. or Federal office for specific instructions.

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

16en 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

16en 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) (See instruction for items 22 and 24 above.) Submit a separate completion report on this form for each interval to be separately produced.

a	TRUE VERT. DEPTH	+ + + + + + + + + + + + + + + + + + +
TOP	MEAS. DEPTH	980' 2603' 3210' 3756' 4842' 5402'
	MMAN	Green River  H  Masatch  Chapita WElls  Buck Canyon
-		Committee of the commit
DESCRIPTION, CONTENTS, ETC.		
BOTTOM		10.7 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
RMATION TOP BOTTOM		
FORMATION		

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#### VERNAL DISTRICT DAILY DRILLING REPORT AUGUST + 24, 1979

#### DRILLING

BU 69-28B D 7160' sland Zone L Manning #23 elco WI 100%

7160' (0') 23. LD DP. Island Zone Circ & cond 1 hr. POH 4 hrs. Schlumberger ran Dual Lateral log & Density Neutron w/caliper log 9 1/4 hrs. Rig down loggers 1 hr. TIH, break circ @ 3000' & 5000'. 3 1/4 hrs. Circ & cond 3 hrs. LD DP 2 1/2 hrs. Dev @ 7160' 2 Mud prop: MW-9.4, VIS-33, WL-6.2, Chl-44,000 AFE to csg point \$228,000 Cost to csg point \$281,458 Cost to date \$281,458

BU 65-25B) 🛪 D 6074' uck Canyon

5408' (293') 9. Drlg Buck Canyon Drld 5' 8 3/4" hole, 288' 7 7/8" hole in 15 3/4 hrs. Trip for bit #2, slip drlg line 6 1/2 hrs. handler & Assoc 1 Bit #1, 8 3/4, F-4, 3 14/32, 4897' 174 1/2 hrs. T-3, B-4, G-0 elco WI 100% Bit #2, 7 7/8, F-2, 3 15/32, 288' 15 1/2 hrs. PP-1050, WT-40, RPM-62 Mud prop: MW-9.2, VIS-28, WL-12.8, Chl-80,000, BG-10, CG-25 Drlg brks: 5296-5304' (8!) 4.0-2.0-3.0, 225/20, no show AFE to csg point \$241,000 Cost to date \$104,146

TGU 14-34 D 7327' uck Canyon L Manning #23 elco WI 100%

Building location. Bill Jr Rathole Drlg reamed 17 1/2" hole to 18" w/mud. Drld to 83'. Allwestern set 83.5' 13 3/8" K-55 casing to 83' GL. AFE to csg point \$235,000 Cost to date \$8950

#### COMPLETION

C 5-16GR L Well Serv elco WI 100% BTD 5050'

TP-50, CP-0. Flowing through 18/64 choke. Flowed 6 hrs, 70 BBLS. Set 2 7/8" tbg plug @ 165'. Unseated pkr, lower and set w/14,000#. Hung 20,000# on donut. Installed flow head and 15/64 choke. Opened to tank. Rig down, move off. Tubing detail: Bridge plug @ 4883'

Retrieving tool & 1 jt 32.47 RTTS packer 4.67 1 jt tbg 31.65 seating nipple . 85 145 jts tbg 4630.18 KB 10.00 Tbg hung @ 4709.82

AFE (completion) \$375,000 Cost to date \$296,166

3U 52-1B L Well Serv elco WI 100% 3TD 6937'

Rig up. Move in pump, tank, BOP & power swivel. SLM & drift tbg. PU 158 jts Tagged 12' in on 159th jt @ 4965'. Will drill out stage collar this A.M. AFE (completion) \$433,000 Cost to date \$280,672

#### VERNAL DISTRICT AUGUST 3, 1979 PAGE NO. 3

ND 2-15GR

Flowing 261 BBLS & 82.7 MCF in 24 hrs. TP-350, CP-pkr, choke 14/64, GOR 323. G&T 38 @ 60 , BS&W 1 2/10, total

256 BBLS oil, 5 BBLS wtr, GOR 323

EGNAR #1

1660 MCFD, O BC, TP-570, LP-450, 60°

#### LOCATION STATUS

Location built CWU 42-13 vLocation built, surface set Location built NBU Approved 68-25B Approved 71-26B Approved DUCK CREEK 3-16 ✓Location built Approved 7-16GR WO USGS approval, NID sent 12-4-78, inspected 1-26-79 NAT DUCK 3-15GR WO USGS approval, NID sent 7-13-79, inspected 7-27-79 WO USGS approval, NID sent 7-16-79 STGU 14-34 15-27 WO USGS approval, NID sent 7-16-79 . 16-26 WO USGS approval, NID sent 7-16-79 17-25 √Location staked GRASSY MTN 1-28 √Location staked 2-12

Form 3160-5 (November 1983) (Formerly 9-331)  UN D STATES  DEPARTMENT OF THE IN  BUREAU OF LAND MANAGE		Budget Bureau No. 1004-0135 Expires August 31, 1985  5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NOTICES AND REPORT (Do not use this form for proposals to drill or to deepen of use "APPLICATION FOR PERMIT—" for	RTS ON WELLS	6. IF IMDIAN, ALLOTTEE OR TRIBE NAME
OIL CAS WELL OTHER  2. NAME OF OPERATOR BELCO DEVELOPMENT CORPORATION	JUN 2 0 1985	7. UNIT AGREEMENT NAME  Natural Buttes 8. FARM OR LEASE NAME
P.O. BOX X, VERNAL, UTAH 8407	78 GAS & MINING	9. wart 50 65-25B
4. LOCATION OF WELL (Report location clearly and in accordance windsee also space 17 below.) At surface  895 * FNL & 1776 * FWL		10. FIELD AND FOOL, OR WILDCAT  11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA  Sec. 25, T10S, R20E
14. PERMIT NO. 43-047-30647 15. ELEVATIONS (Show who 57	nether DF, RT, GR, etc.) 713' NGL	12. COUNTY OR PARISH 18. STATE Utah
16. Check Appropriate Box To India  NOTICE OF INTENTION TO:  TEST WATER SHUT-OFF PULL OR ALTER CASING	cate Nature of Notice, Report, or O	ther Data  BNT REPORT OF:  REPAIRING WELL
PRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  (Other)  Request for Table  17. DESCRIBE PROPOSED OR COMPLETE DEPERATIONS (Clearly state all proposed work. If well is directionally drilled, give subsurface.	PRACTURE TREATMENT SHOOTING OR ACIDIZING  (Other)  (NOTE: Report results Completion or Recomple	ALTERING CASING ABANDONMENT*  of multiple completion on Well tion Beport and Log form.)
This well has declined to 10-1 unit was needed elsewhere and left open. In its present sta some other zones that may have based on current market condition.  Request this well be temporarievaluation can be completed.	was removed. Production atus the well is incapable e some potential but need tions before a recompletion	tanks were drained and valve of production. There are to be thoroughly evaluated n is attempted.
18. I hereby certify that the foregoing is true and correct  SIGNED	District Manager	June 18, 1985
(This space for Federal or State office use)		
APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY:	E	DATE

\*See Instructions on Reverse Side

#### VERNAL DISTRICT APRIL 7, 1980 PAGE 5

DC 6-16 GR (cont)	Pumped 12 BOin 24 hours, 1 2/10% WC, TP-10, CP-40, 10x86 SPMXL, 4 MCF, GOR 333 cf/bbl Pumped 12 BO in 24 hours, 1 2/10% WC, TP-10, CP-40, 10x86 SPMXL, 4 MCF, GOR 333 cf/bbl Pumped 12 Bo in 24 hours, 1 2/10% WC, TP-10, CP-40 10x86 SPMXL, 4.5 MCF, GOR 375 cf/bbl
DC 7-16 GR	Pumped 12 BO , 2 BW in 24 hours, 16 % WC, TP-20, CP-75 10x86 SPMXL, 20 MCF, GOR 1667 cf/bbl Pumped 12 BO, 3 BW 24 hours, 16 % WC, TP-20, CP-75 10x86 SPMXL, 21 MCF, GOR 1750 cf/bbl Pumped 8 BO, 1 BW in 24 hours, 16% WC, TP-20, CP-75 10x86 SPMXL, 21 MCF, GOR 2625 cf/bbl Pumped 10 BO, 2 BW in 24 hours, 16% WC, TP-20, CP-75 10x86 SPMXL, 21 MCF, GOR 2100 cf/bbl
NBU 9-32 GR	Pumped 3 BO, 8 BW in 24 hours, 75% WC, TP-30, CP-15, 8x64 SPMXL, No gas vented.  Pumped 3 BO, 10 BW in 24 hours, 75% WC, TP-30, CP-15, No Gas Vented  Pumped 3 BO, 10 BW in 24 hours, 75% WC, TP-30, CP-15  No gas Vented  Pumped 3 BO, 10 BW in 24 hours, 75% WC, TP-30, CP-15  No Gas Vented
NBU 42-35B	Flowed 269 MCF in 24 hours, 40/64 ch, TP-650, CP-650 1 BC, 1 BW Flowed 233 MCF in 24 hours, 40/64 ch, TP-675, CP-700 Flowed 242 MCF in 24 hours, 40/64 ch, TP-650, CP-700 Flowed 243 MCF in 24 hours, 40/64 ch, TP-650, CP-700
NBU 49-12B	Flowed 929 MCF in 24 hours, 15/64 ch, TP-900, CP-1050 6 BC, \$ BW, Chl-15,500 PPM Flowed 1010 MCF in 24 hours, 15/64 ch, TP-750, CP-900 Flowed 929 MCF in 24 hours, 15/64 ch, TP-750, CP-900 Flowed 959 MCF in 24 hours, 15/64 ch, TP-750, CP-900
NBU 51-31B	(4-4-80) Flowed 0 MCF in 24 hours, TP-0, CP-1300 Well unloading
√ <u>NBU 64-24B</u>	Initial production, TP-2000, CP-2150, sgt 10/64 ch, Stat 8.3 Diff-7.2, 672 MCF. On 1:00 P.M. 4-4-80. Flowed 152 MCF in 8 hours, 10/64 ch, TP-1425, CP-1675 0-BC, 3 BW, Froze off 16 hours. Flowed 654 MCF in 24 hours, 11/64 ch, TP-1000, CP-1200 0 BC, 6 BW, Chl 17,000 RPM
√ <u>NBU 65-25B</u>	Initail Production, TP-1950, CP-1950, 13/64 ch, STat 8. Diff-7.2, 672 MCF on 2:30 P.M. 4-4-80 Flowed 140 MCF in 7 hours, 13/64 ch, TP-1500, CP-1600 0 BC 0 BW Froze off 17 hours

1 BC, 0 BW

0 BC, 0 BW, Froze off 17 hours. Flowed 224 MCF in 18 hours, 13/64 ch, TP-1375, CP-1600,

FORM	CIG 489					425 m				COL	DRAD	O INTI	ERSTATE G	AS COMPANY	1				- A	TATE 000	,	
FURM	CIG 468	10-7/73					A 100				WEL	L TE	ST DAT	A FORM					•	TATE COP		1.34.43
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COLORADO INTERSTATE GAS COMPANY FORM CIG 4896-7/73 YTATE COPY WELL TEST DATA FORM WELL NAME **OPERATOR** OPERATOR NAME FIELD NAME FIELD CODE CODE MATJRAL BUTTES 652.3 BELCO DEVELORMENT COPP RATURAL BUTTES. UT 0-01-11 PANHANDLE/REDCAVE FORMATION K-FACTOR 108 20€ MASATCH SA FLOW TEST FLOW TEST WELL ON FLOWING STATIC FLOWING STRING METER (OPEN) DATE (COMP.) METER DIFFERENTIAL METER ORNFICE METER RUN GRAVITY HEAD THE / COG COEFFICIENT DIFF. TEGACET ROOTS TEMP. CASS SIZE SIZE (SEP.) PRESSURE TUBING MO. DAY YR. MO. DAY YR. TEMP. PRESSLIPE RANGE 75 51 52 74 27 28 11 - 12 13 - 14 15 - 18 17 - 18 19 - 2021 - 2223 32|33 38 39 XXXX X XXXXX XXXXX XXXXX XXXX XXX XXXXXX XXX XXX XXXXX X X X X X X X XX XX XX XX XX XX 60 680 0 0 589 06 22 82 06 29 82 00 375 00 50 SHUT-IN TEST TO THE BEST OF MY KNOWLEDGE THE ABOVE WELL-OFF GRAVITY EST EST PRESSURE TAKEN EFFECTIVE DIAMETER EFFECTIVE DATA IS CORRECT. (SHUT-IN) DATE CSG TBG PRESS PRESS CASING TUBING PRESSURE SLOPE RAW LENGTH GAS) PRESSURE (PSIG) (PSIG) DAY MO. DAY YR. - 28 29--- 53 54 55 15-16 17-18 19-20 21-22 23 - 34 35-11-12 13-14 XXXXX XXXXX X XXXX XXXXXX XXXX E XXXXXX XX XX COMMISSION 543 5699 REMARKS: 00375

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FORM CIG 4896-7/73 STATE COPY WELL TEST DATA FORM FIELD CODE CODE OF STATES TAKE WELL ON DATE (COMP.) FLOWING STRINE MO. DAY CASING 75 XX XXX XXXX **XXXXX** 02067 SHOT IN TEST TO THE SEST OF MY KNOWLEDGE THE ABOVE WELL-OFF GRAVITY (FAM) EFFECTIVE SLOPE DATA IS CORRECT 13-14 11-12 21-22 OFERATOR REMARKS:

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895' FNL & 1	1776' FWL		s	ec. 25, T	10S, R20E
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	5713' N	GL	Uin	tah	Utah
Check Appro	priate Box To Indicate	Nature of Notice, Repo	ort, or Other Do	ata	
NOTICE OF INTENTION	20:	1	SUBSEQUENT REPO	DRT OF:	
-OFF PCLL	OR ALTER CASING	WATER SHUT-OFF		REPAIRING V	FBLL
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Returned to	production after	eing snut in io	or 90 days.		
el/	TITLE 2	USMICH SUPERIN	stendent D	Nove	ember 3, 198
	DEPARTMENT BUREAU CONDRY NOTICE IS form for proposals of the "APPLICATION" APPLICATION OF THE PROPERTY OF THE	BUREAU OF LAND MANAGEMEN  NDRY NOTICES AND REPORTS  is form for proposals to drill or to deepen or plug  BELCO DEVELOPMENT CORPORATION  OR  P. O. BOX 1815, VERNAL, UTA  (Report location clearly and in accordance with an eclow.)  895' FNL & 1776' FWL  30-16715. BLEVATIONS (Show whether  43-047-90447 5713' N  Check Appropriate Box To Indicate  NOTICE OF INTENTION TO:  OFF PULL OR ALTER CABINO MULTIPLE COMPLETE  ABANDON'  CHANGE PLANE  OR COMPLETED OPERATIONS (Clearly state all pertin  If well is directionally drilled, give subsurface locations).  Returned to production after	DEPARTMENT of THE INTERIOR vertex instructed BUREAU OF LAND MANAGEMENT 1110  NDRY NOTICES AND REPORTS ON WELLS is form for proposals to drill or to deepen or plug back to a different reservor the proposals of t	DEPARTMENT F THE INTERIOR vertex side in the instructions in the property of the instructions in the interior of the instruction in the interior of the instruction in the interior of the interior of the instruction in the interior of the	DEPARTMENT - THE INTERIOR Server designations and the procession of the proposal of the propos

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SUNDRY NOTICES AND REPORTS ON WELLS  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL ED GAB ED	7. UNIT AGREEMENT NAME
WELL WELL CONTRE	NATURAL BUTTES UNIT
BELCO DEVELOPMENT CORPORATION	0. 2 = 0. = 2.2
ADDRESS OF OPERATOR	9. WELL FO.
P.O. BOX 1815, VERNAL, UTAH 84078	İ
LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
5. PERMIT NO. 15. ELEVATIONS (Show whether DF, BT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data
NOTICE OF INTENTION TO:	TENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF	REPAIRING WELL
PRACTURE TREAT  MULTIPLE COMPLETE  PRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL CHANGE PLANS (Other) (Nove Report results	of multiple completion on Well
	In alm Alan - and A. A. A A A A A A.
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#### \*See Instructions on Reverse Side

TITLE .

DATE \_

Form 3160-5 (November 1983) (Formerly 9-331)	DEPARTA	UNITED STAT MENT THE U OF LAND MAR	INTERIOF	SUBMIT IN TRIPLICATION OF verse side)	Budget Bureau Expires August  5. LEASE DESIGNATION  U-6774	31, 1985
SUI (I/o not use thi	IDRY NOT	CES AND RE	PORTS ON	WELLS to a different reservoir.	6. IF INDIAN, ALLOTTE	E OR TRIBE HAME
<u>5.</u>					7. UNIT AGREEMENT NA	MB
WELL CAB	<b>□</b> •7858				Natural But	
2. NAME OF OPERATOR					8. PARM OR LEADE WAT	12
R	ELCO DEVELO	PMENT CORPOR	אייד∩א			
8. ADDRESS OF OPERATO		ZILLIII COMITA	A		9. WBLL BO.	
• p	O. Box 18	315, Vernal,	IItab 84078		65-25B	
4. LOCATION OF WELL	Report location c	early and in accorda	Der With any Stat	e requirements.*	10. FIBLD AND POOL, O	& WILDCAT
See also space 17 be	low.)				NBU Wasatch	
895' FNL	⊾ 1776 <b>' FW</b> I	. NE/NW			Sec 25, T105	DLE. AND
14. PERMIT NO.		I 15. BLEVATIONS (SE	ow whether DF BT	(A) (C)	12. COUPTY OR PARISE	1 18. STATE
43-047-30	167	• • • • • • • • • • • • • • • • • • • •	KB 5172'			
43-047-30	10/	1 2100	ND 3172		Uintah	<u>Utah</u>
16.	Check Ap	•	Indicate Natu	re of Notice, Report, or (	Other Data	
TEST WATER SRUT- PRACTURE TREAT SHOOT OR ACIDIES	ОРТ	PCLL OR ALTER CASIN MULTIPLE COMPLETE ABANDON®	•	WATER SHUT-OFF PRACTURE TREATMENT SHOOTING OR ACIDIENG	REPAIRING C ADANDONME	ONIBA:
REPAIR WELL		HANGE PLANE		(Other)		
(Other)				(Nors: Report result	of multiple completion detion Report and Log to	en Weil
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		· (fine	C(F)5(1)	The second second		



DIVISION OF OIL, GAS & MINING

18. I hereby sertify that the foregoing is true and correct			
SIGNED JUSALL		District Superintendent	DATE 12-02-86
(This space for Federal or State office use)			
APPROVED BY	TITLE _		DATE

	und management		U-6774	PEW/WST
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P.O. BOX 1815, VERNAL	Մ.L. UTAH 84078	. GAS & MINING	65-25	· · · · · · · · · · · · · · · · · · ·
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Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or supresentations as to any matter within its jurisdiction.

NATURAL BUTTES 65-25B Natural Buttes Uintah Co., Utah Sec. 25, T10S, R20E PBTD 6,010' Wasatch J. W. Gibson ENRON WI 100% 01-05-88 DAY # 1 (4,742-5,650') Workover P & A MIRU pulling unit. SDFN Daily Cost \$900 CUM Cost \$900

O1-06-88 DAY #2 (4,742-5,650') Workover P & A RU pump tie & lines. Circ & kill well w/9.0 ppg mud w/40 vis. ND well head ree & NU BOPE. POOH w/32 jts 2 3/8" tbg. RU Halliburton. Mixed & pumped 40 sxs class "G" cmt w/2% CaCl<sub>2</sub>. Displaced w/16 bbls mud. POOH w/20 stnads 2 3/8" tbg. Reverse circ tbg. Closed well in. SDFN. Daily Cost \$2,732 CUM Cost \$3,632

O1-07-88 DAY #3 (4,742-5,650') Workover P & A Lowered tbg. Tagged top of cmt @ 4,763'. RU Halliburton. Mixed & pumped 40 sxs class "H" cmt w/2% CaCl2. Displaced w/16 bbls mud. POOH w/15 stands tbg. Reverse circ. WOC 4 hrs. Lowered tbg. Tagged top of plug @ 4,319' & witnessed by BLM representative. POOH, stood back 15 stands tbg. Ld dwn remaining tbg. RU Pomrenke. Perf 4 - 1/2 holes @ 1,050'. RD Pomrenke. RU Halliburton. Establish rate & pump @ 3 BPM @ 400#. Mixed & pumped 150 sxs class "H" cmt w/3% CaCl2. Displaced w/10 bbls wtr. RD halliburton. Closed well in w/400#. SDFN. Daily Cost \$2,640 CUM Cost \$6,322.

O1-07-88 DAY #3 (4,742-5,650') Workover P & A Lowered tbg & tagged top of cmt @ 645'. POOH & LD dwn tbg. ND BOPE. RIH w/5 stands tbg. RU Halliburton. Mixed & pumped 30 sxs class "H" cmt f/315' to surf. RD Halliburton. POOH w/10 jts tbg. RU Halliburton to 9 5/8 X 4 1/2 annulus. Mixed & pumped 70 sxs class "H" cmt dwn 9 5/8 X 4 1/2 annulus. Injected into annulus f/0 - 2,000# final press. Shut dwn, well bled back to 800# & held. Closed well in. RD Halliburton. Annulus cmt job witness by BLm rep. WEll P & A'd 1-7-88. Final Report. Daily Cost \$9,270 CUM Cost \$15,592

2/19/88 Dry hole marker installed.

P. 02

JAN. 17. 2003 3:34PM

TPORT

P. 2 NO. 173



#### WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado \$0202-4436 Talephone: 303 573 5404 Fest: 303 573 5609

February 1, 2002

Department of the Interior Bureau of Land Management 2850 Youngfield Street Lakewood, CO 80215-7093 Attention: Ms. Martha Maxwell

RE:

BLM Bond CO-1203

BLM Nationwide Bond 158626364 Surety - Continental Casualty Company Belco Energy Corporation merger into Westport Oil and Gas Company, Inc. Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P. Assumption Rider - Westport Oil and Gas Company, L.P.

#### Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.

Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc. Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.

List of all Federal/BIA/State Leases - Beloo/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,

Westport Oil and Gas Company, L.P.

Debby J. Black

Engineer Technicien

Encl:



# United States Department of the Interior RECEIVED

#### **BUREAU OF LAND MANAGEMENT**

FEB 2 2 2002

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155

DIVISION OF OIL, GAS AND MINING

In Reply Refer To: 3106 UTU-25566 et al (UT-924)

FEB 2 1 2002

#### **NOTICE**

Westport Oil and Gas Company L.P.

Oil and Gas

410 Seventeenth Street, #2300

Denver Colorado 80215-7093

:

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of <u>Westport Oil</u> and <u>Gas Company, Inc.</u> into <u>Westport Oil and Gas Company, L.P.</u> with <u>Westport Oil and Gas Company, L.P.</u> being the surviving entity.

For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405 UTU-20895 UTU-25566 UTU-43156 UTU-49518 UTU-49519 UTU-49522 UTU-49523

> Robert Lopez Chief, Branch of Minerals Adjudication

Moab Field Office
 Vernal Field Office
 MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
 State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
 Teresa Thompson (UT-922)
 Joe Incardine (UT-921)

#### UNITED STATES GOVERNMENT

# memoran

Uintah & Ouray Agency

Date:

5 December, 2002

Reply to Attn of:

Supervisory Petroleum Engineer

Subject

Modification of Utah Division of Oil, Gas and Mining Regulations

To

Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate you concern, and hope that these comments are timely enough for consideration in the revision process. liarles H Cameron

CC:

Minerals & Mining Section of RES

Ute Energy & Mineral Resources Department: Executive Director

chrono



# United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
Washington, D.C. 20240
FEB 1 0 2003

Carroll A. Wilson Principal Landman Westport Oil and Gas Company, L.P. 1368 South 1200 East Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely.

Director, Office of Trust Responsibilities

Berry 6/ Driver

Enclosure ACTING



# United States Department of the Interior

#### BUREAU OF LAND MANAGEMENT

**Utah State Office** P.O. Box 45155 Salt Lake City, UT 84145-0155

IN REPLY REFER TO UT-922

February 27, 2003

Westport Oil and Gas Company, L.P. Attn: Gary D. Williamson 1670 Broadway, Suite 2800 Denver, Colorado 80202

Re:

Natural Buttes Unit

Uintah County, Utah

#### Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks Chief, Branch of Fluid Minerals

#### Enclosure

bcc:

Field Manager - Vernal (w/enclosure)

**SITLA** 

Division of Oil, Gas & Mining Minerals Adjudication Group

File - Natural Buttes Unit (w/enclosure)

Agr. Sec. Chron

Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 2 8 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

ι	DIVISION OF OIL, GAS AND MI	NING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill ne drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, or to orm for such proposals.	7. UNIT or CA AGREEMENT NAME:
I. TYPE OF WELL OIL WELL	GAS WELL OTHER_		8. WELL NAME and NUMBER:  Exhibit "A"
2. NAME OF OPERATOR:			9. API NUMBER:
El Paso  3. ADDRESS OF OPERATOR:	Production Oil & Gas Company	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
	Houston STATE TX	77064-0995 (832) 676-5933	16. FIELD AND FOOL, ON WILDON F.
4. LOCATION OF WELL			201177
FOOTAGES AT SURFACE:			COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANG	GE, MERIDIAN:		STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE  PLUG AND ABANDON	USING REPAIR  VENT OR FLARE
SUBSEQUENT REPORT	CHANGE TUBING  CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL .
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
,	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all p	pertinent details including dates, depths, volume	es, etc.
Operator change to V effective December 1		, L.P., 1670 Broadway, Suite 28	00, Denver, CO. 80202-4800,
BOND #			
State S	urety Bond No. RLBC	0005236	
	Fee Bond No. RLBC	0005238	RECEIVED
TI 5400 0500 UCTIV	ON ON A CAR COMPANY		TILOL, Jan
EL PASO PRODUCTIO	ON OIL & GAS COMPANY		FEB 2 8 2003
	11/1/2		DIV. OF OIL, GAS & MINING
By: m	[[[]]]		DIV. OF Ord. Or Os
Jon R. Nelsen, Atto	rney-in-Fact		
WESTPORT	OIL AND GAS COMPANY, L.P.	A A A	- Foot
NAME (PLEASE PRINT) David R. [	Dix	Agent and Attorn	
SIGNATURE	Ally	DATE	,

(This space for State use only)

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

Conditions of approval, if any, are attached. Approval of this notice does not warrant or cortify that the applicant holds legal or equinable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

(Instructions on reverse)

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### **OPERATOR CHANGE WORKSHEET**

ROUTING				
1. GLH				
2. CDW				
3. FILE				

#### X Change of Operator (Well Sold)

5. If **NO**, the operator was contacted contacted on:

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 12-17-02						
FROM: (Old Operator):		TO: ( New Op	erator):			
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP					
Address: 9 GREENWAY PLAZA		Address: P O B	OX 1148			
HOUSTON, TX 77064-0995		VERNAL, UT	84078			
Phone: 1-(832)-676-5933		Phone: 1-(435)				
Account No. N1845		Account No.	N2115			
CA No.		Unit:	NATURA	L BUTTES		
WELL(S)						
	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG		NO	TYPE	TYPE	STATUS
NBU 523-12E	12-10S-20E	43-047-33685		FEDERAL		P
NBU 516-12E	12-10S-20E	43-047-33696	2900	FEDERAL		P
NBU 524-12E	12-10S-20E	43-047-33701		FEDERAL		P
NBU 328-13E		43-047-32386	2900	FEDERAL		P
NBU 360-13E	13-10S-20E	43-047-32387	2900	FEDERAL		P
CIGE 154-13-10-20	13-10S-20E	43-047-32119	2900	FEDERAL	1	P
NBU CIGE 92D-13-10-20J	13-10S-20E	43-047-31162	2900	STATE	GW	P
CIGE 103D-13-10-20	13-10S-20E	43-047-31742	2900	FEDERAL	GW	P
NBU 26-13B	13-10S-20E	43-047-30364	2900	FEDERAL		P
NBU CIGE 34-13-10-20	13-10S-20E	43-047-30508	2900	FEDERAL		P
CIGE 187-13-10-20	13-10S-20E	43-047-32607	2900	FEDERAL	GW	P
CIGE 230-13-10-20	13-10S-20E	43-047-32885	2900	FEDERAL		P
NBU 393-13E	13-10S-20E	43-047-33071	2900	<b>FEDERAL</b>	GW	P
NBU 394-13E	13-10S-20E	43-047-33072	2900	FEDERAL	GW	P
NBU 64-24B	24-10S-20E	43-047-30444	2900	FEDERAL	GW	PA
NBU 74N3		43-047-31087		STATE	GW	P
NBU 212	24-10S-20E	43-047-32399	2900	FEDERAL		P
NBU 271		43-047-32887		FEDERAL		P
NBU 65-25B		43-047-30467		FEDERAL		PA
NBU 71-26B	26-10S-20E	43-047-30578	2900	FEDERAL	GW	P
OPERATOR CHANGES DOCUMENTATION  Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation was received from the FORMER operator on:  02/28/2003						
2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 03/04/2003						
3. The new company has been checked through the Department of Commerce, Division of Corporations Database on:				ase on:	03/06/2003	
4. Is the new operator registered in the State of Utah:	YES	Business Numb	oer:	1355743-018	<u>3</u> 1	

6. (	R649-9-2)Waste Management Plan has been received on:	IN PLACE		
7.	Federal and Indian Lease Wells: The BLM and or operator change for all wells listed on Federal or India	* *	•	ge,
8.	Federal and Indian Units: The BLM or BIA has approved the successor of unit or	perator for wells listed on:	02/27/2003	
9.	Federal and Indian Communization Agreen The BLM or BIA has approved the operator for all well	` '	N/A	
10.	Underground Injection Control ("UIC") for the enhanced/secondary recovery unit/project for the		d UIC Form 5, <b>Transfer of A</b> l on: N/A	ithority to Inject,
DA	TA ENTRY:		11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	
1.	Changes entered in the Oil and Gas Database on:	03/19/2003		
2.	Changes have been entered on the Monthly Operator C	hange Spread Sheet on:	03/19/2003	
3.	Bond information entered in RBDMS on:	N/A		
4.	Fee wells attached to bond in RBDMS on:	<u>N/A</u>		
<b>ST</b> 1.	ATE WELL(S) BOND VERIFICATION: State well(s) covered by Bond Number:	RLB 0005236		
	DERAL WELL(S) BOND VERIFICATION: Federal well(s) covered by Bond Number:	158626364		
IN 1.	DIAN WELL(S) BOND VERIFICATION: Indian well(s) covered by Bond Number:	RLB 0005239		
	E WELL(S) BOND VERIFICATION: (R649-3-1) The NEW operator of any fee well(s) listed c	overed by Bond Number	RLB 0005238	
	The <b>FORMER</b> operator has requested a release of liability. The Division sent response by letter on:	y from their bond on: N/A	N/A	
3. (	ASE INTEREST OWNER NOTIFICATION R649-2-10) The FORMER operator of the fee wells has of their responsibility to notify all interest owners of this continuous control of their responsibility to notify all interest owners of this control of their responsibility to notify all interest owners of this control of the responsibility to notify all interest owners of this control of the responsibility to notify all interest owners of the re	been contacted and informed	d by a letter from the Division	
СО	MMENTS:			
		Section depth was red-		

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	-

## X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:			1/6/2006		
FROM: (Old Operator):	TO: ( New Or				
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		c Gas Onshor	e, LP	
1368 South 1200 East		outh 1200		ĺ	
Vernal, UT 84078	Vernal.	, UT 84078	}		
Phone: 1-(435) 781-7024	Phone: 1-(435)	781-7024			
CA No.	Unit:		ATURAL B	UTTES	UNIT
WELL NAME SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
OPERATOR CHANGES DOCUMENTATION					
Enter date after each listed item is completed					
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation was received from the	=		5/10/2006		
3. The new company was checked on the Department of Commerce	-			n:	3/7/2006
	Business Numb	-	1355743-018		
4b. If NO, the operator was contacted contacted on:	,		1000710 010	•	
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA w	ells tran:	sferred
5c. Reports current for Production/Disposition & Sundries on:	ok	•			
6. Federal and Indian Lease Wells: The BLM and or the E		ved the r	nerger, nan	ne chan	ge.
or operator change for all wells listed on Federal or Indian leases o		BLM	3/27/2006		not yet
7. Federal and Indian Units:			****		<u> </u>
The BLM or BIA has approved the successor of unit operator for	wells listed on:		3/27/2006		
8. Federal and Indian Communization Agreements ("	CA"):				
The BLM or BIA has approved the operator for all wells listed w	rithin a CA on:		n/a		
	vision has appro			sfer of A	uthority to
Inject, for the enhanced/secondary recovery unit/project for the wa	iter disposal wel	ll(s) listed o	on:		
DATA ENTRY:					
1. Changes entered in the Oil and Gas Database on:	5/15/2006	•			
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006		
3. Bond information entered in RBDMS on:	5/15/2006	•			
4. Fee/State wells attached to bond in RBDMS on:	5/16/2006	-			
5. Injection Projects to new operator in RBDMS on:			NI (1)	0.1	
6. Receipt of Acceptance of Drilling Procedures for APD/New on:  BOND VERIFICATION:		n/a	Name Chan	ge Only	
·	001202				
Federal well(s) covered by Bond Number:  Indian well(s) covered by Bond Number:	CO1203	-			
2. Indian well(s) covered by Bond Number:	RLB0005239	-	DI DO005334	-	
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by			RLB0005236		
<ul> <li>a. The FORMER operator has requested a release of liability from the The Division sent response by letter on:</li> </ul>	er bond on:	n/a	rider added	NIVIG	
LEASE INTEREST OWNER NOTIFICATION:		•			
4. (R649-2-10) The <b>FORMER</b> operator of the fee wells has been cont	acted and inform	ned by a le	tter from the	Division	
of their responsibility to notify all interest owners of this change on		5/16/2006		_ 1,151011	
COMMENTS:					

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

#### AGEMEN 1 5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals

MULTIPLE LEASES

abandoned well.	Use Form 3160-3 (APD	o drill or reenter ) for such proposi	an els.	6. If Indian, Al	ottee or Tribe	e Name
SUBMIT IN TRIPLICATE – Other instructions on reverse side			7. If Unit or CA/Agreement, Name and/or No.			
I. Type of Well				-		
Oil Well X Gas Well	Other Other	·		8. Well Name a	nd No.	
2. Name of Operator				MUTIPLE	WELLS	
KERR-McGEE OIL & GAS C	DNSHORE LP			9. API Well No		
3a. Address		3b. Phone No. (incl	ude area code)	1		
1368 SOUTH 1200 EAST V		(435) 781-7024	·	10. Field and Poo	ol, or Explora	tory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descripti	on)				
				11. County or Pa	rish, State	
SEE ATTACHED						
				UINTAH COUNTY, UTAH		
	ROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTICE, R	EPORT, OR OT	HER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION	1	<u> </u>	
Notice of Intent	Acidize	Deepen	☐ Production	(Start/Resume)	Water Shu	ut-Off
	Alter Casing	Fracture Treat	Reclamatio		Well Integ	
X Subsequent Report	Casing Repair	New Construction	= '	•		HANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	n ☐ Temporaril ☐ Water Disp		OPERAT	OR
	<del></del> .					
13. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for final	it will be performed or provide to operations. If the operation results and one ment of the operation is the operation of the operation in the operation is the operation of the operation in the operation is the operation of the operation of the operation is the operation of the	the Bond No. on file with Its in a multiple completi	nd measured and true n BLM/BIA. Requir	e vertical depths of a red subsequent repor	all pertinent ma ts shall be file	arkers and zones. d within 30 days
PLEASE BE ADVISED THAT OPERATOR OF THE ATTAC KERR-McGEE OIL & GAS O OF THE LEASE(S) FOR THI IS PROVIDED BY STATE OF	CHED WELL LOCATIONSHORE LP, IS RESI E OPERATIONS CONI F UTAH NATIONWIDE	DNS. EFFECTIVE PONSIBLE UNDE DUCTED UPON L EBOND NO. RLB	E JANUARY 6, ER TERMS AN LEASE LANDS	. 2006, ID CONDITION S. BOND COV	NS ERAGE	RECEIVED MAY 1 0 2006 OF OIL, GAS & MIN
BLM B	ONO = C.0/20=	$\mathbf{A}$	PPROVE	D <u>3//6</u>	100	<u></u>
BIA B	ONO = C 0/203 ONO = RLB 001	05239	Carlene	Russell		<del></del>
14. I hereby certify that the foregoing	is true and correct	— Bi	<del>rision of Oil, (</del>	Sas and Minin	8	
Name (Printed/Typed)		Title Ear	riene Russell, i	Engineering T	echnician	
RANDY BAYNE		DRILLING MA	NAGER			
Signature / Sayna		Date May 9, 2006				

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 118 C S S vite 1001

THIS SPACE FOR FEDERAL OR STATE USE

Title

Date

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Approved by

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

	MOLTIPLE LEASES				
Do not use this abandoned well.	form for proposals t Use Form 3160-3 (APL	o drill or reenter an D) for such proposals.	6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPL	7. If Unit or CA/Agreement, Name and/or No				
1. Type of Well					
Oil Well X Gas Well	Other	•.	8. Well Name and No.		
2. Name of Operator			MUTIPLE WELLS		
WESTPORT OIL & GAS CO	DMPANY L.P.		9. API Well No.		
3a. Address		3b. Phone No. (include area code)	1		
1368 SOUTH 1200 EAST V	/ERNAL, UT 84078	(435) 781-7024	10. Field and Pool, or Exploratory Area		
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descript	ion)	1		
SEE ATTACHED			11. County or Parish, State		
			UINTAH COUNTY, UTAH		
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTIO			
Notice of Intent	Acidize	☐ Deepen ☐ Production	n (Start/Resume)		
<b>.</b>	Alter Casing	Fracture Treat Reclamati	The state of the s		
Subsequent Report	Casing Repair	New Construction Recomple			
Final Abandonment Notice	Change Plans	_	ly Abandon OPERATOR		
	Convert to Injection	Plug Back Water Dis	posal  any proposed work and approximate duration thereof		
following completion of the involved	operations. If the operation rest bandonment Notices shall be file	ule both No. on the with BLM/BIA. Requi	any proposed work and approximate duration thereof use vertical depths of all pertinent markers and zones, ired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once amation, have been completed, and the operator has		
EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF T ONSHORE LP.	HE ATTACHED WELI	& GAS COMPANY L.P., HAS R L LOCATIONS TO KERR-McGE	RELINQUISHED SE OIL & GAS		
		ROVED 5/6/06	RECEIVED		
	Ċ	Whene Russell			
	Division	of Oil. Cas and Mining	MAY 1 0 2006		
	Earlene	Russell, Engineering Technician	1		
14. I hereby certify that the foregoing			DIV OF OIL, GAS & MINING		
Name (Printed/Typed)	, is the and conject	Title			
BRAD LANEY		ENGINEERING SPECIALIS	Т		
Signature		Date May 9, 2006			
	THIS SPACE	E FOR FEDERAL OR STATE USE			
Approved by		Title	Date		
Grad Janus			5-9-06		
Conditions of approval, if any, are attacked	Approval of this notice does not	warrant or Office	0 000		
certify that the applicant holds legal of equit which would entitle the applicant to conduct	able title to those rights in the sub operations thereon.	ject lease			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P.

1999 Broadway, Suite 3700

Oil & Gas

Denver, CO 80202

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices: MMS MRM, MS 357B-1 WY, UT, NM/OK/TX, MT/ND, WY State Offices CO Field Offices Wyoming State Office Rider #1 to Bond WY2357

Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



## United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

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#### Enclosure

Approval letter from BLM COSO (2 pp)

CC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

EM OF CIL, CAC 2 MILES